

Product datasheet for **SC108596**

TMEM98 (NM_015544) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM98 (NM_015544) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM98
Synonyms:	TADA1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108596 sequence for NM_015544 edited (data generated by NextGen Sequencing) ATGGAGACTGTGGTGATTGTTGCCATAGGTGTGCTGGCCACCATCTTTCTGGCTTCGTTT GCAGCCTTGCTGCTGTTTGCAGGCAGCGCTACTGCCGGCCGCGAGACCTACTGCAGCGC TATGATTCTAAGCCCATTGTGGACCTCATTGGTGCCATGGAGACCCAGTCTGAGCCCTCT GAGTTAGAACTGGACGATGTCGTTATCACCAACCCACATTGAGGCCATTCTGGAGAAT GAAGACTGGATCGAAGATGCCTCGGGTCTCATGTCCCCTGCATTGCCATCTTGAAGATT TGTCACTCTGACAGAGAAGCTTGTGGCCATGACAATGGGCTCTGGGGCCAAGATGAAG ACTTCAGCCAGTGCAGCGACATCATTGGTGGCCAAGCGGATCAGCCCAGGGTGGAT GATGTTGTGAAGTCGATGTACCCTCCGTTGGACCCAACTCCTGGACGCACGGACGACT GCCCTGCTCCTGTCTGTCAGTCACCTGGTGTGGTGACAAGGAATGCCTGCCATCTGACG GGAGGCCCTGGACTGGATTGACCAGTCTCTGTCCGCTGCTGAGGAGCATTGGAAGTCCTT CGAGAAGCAGCCCTAGCTTCTGAGCCAGATAAAGGCCTCCAGGCCCTGAAGGCTTCCTG CAGGAGCAGTCTGCAATTTAG Clone variation with respect to NM_015544.2 111 g=>a



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_015544 unedited</p> <pre> GAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCGGGCAGTCCG CGGGATGCGCCCGGGAGCCACAGCCTGAGGCCCTCAGGTCTCTGCAGGTGTCTGGAGGA ACCTAGCACCTGCCATCCTCTTCCCAATTTGCCACTTCCAGCAGCTTTAGCCCATGAGG AGGATGTGACCGGACTGAGTCAGGAGCCCTCTGGAAGCATGGAGACTGTGGTATTGTT GCCATAGGTGTGCTGGCCACCATCTTTCTGGCTTCGTTTGCAGCCTTGGTGTGGTTTGC AGGCAGCGCTACTGCCGCGCGAGACCTACTGCAGCGCTATGATTCTAAGCCCATGTG GACCTCATTGGTGCCATGGAGACCCAGTCTGAGCCCTCTGAGTTAGAAGTGGACGATGTC GTTATACCAACCCACATTGAGGCCATTCTGGAGAATGAAGACTGGATCGAAGATGCC TCGGGTCTCATGTCCCCTGCACTTGAAGATTTGTCACACTCTGACAGAGAAG CTTGTTGCCATGACAATGGGCTCTGGGGCAAGATGAAGACTTCCAGCCAGTGTGACGAC ATCATTGTGGTGGCAAGCGGATCAGCCCCAGNGTGGATGATGTTGTGAAGTCAATGTAC CCTCCGTGGACCCCACTCTGGACGCACGGACGACTGCCCTGCTCCTGTCTGTCANT CACCTGGTGTGGTACAAGGAATGCCATCTGACGGGAGGCTGGACTGGATTGAC CAGTCTCTGTCGGCTGCTGAGGAGCATTGGAAGTCTTCCAGAAGCACCTACCTTCTG AGCCAAATAAAGCCTCCAGCCCTGTAGGCTTCTGCAGG </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_015544 unedited</p> <pre> ATCTAGAATCGAGTTTTTTTTTTTTTTTTTTTGGAGGAAACATAAGTATAAATTTACTATC CACCTAGTGGTAGCTAGGTAAAATTGCAGGCATAAAGATAAAAAAGAAATCATCAACTTT GTAGTTCTCAGCTTCAAACCCAAACCTGCAAGGGAGAGGAGAGACCCAGACGCCTCAGG GACCAGGCAGATAATACAAATAAATGAAACAGGCCAGGTGAGAGAGTACAAGTCTTGCCA AAAGAAGAAACCCCTACTTAGTTTCAATTGATTGTCCTTCTGAAAATGCAGATCAGAA TTGCCACACATTCTGACCAATCGAGAGAGGCCAGAAATCTAATTTAATGTGAAACCTC TTGATTTCTTAGACGGTGGCTCAATTTTCTTGAACACTANGTGAGCTAAATAAAGCTG ACAGTCCACCAGTTTTCAATACTCCTCTTGCAGAGAGTGAATGGCATCTCCCTAACTGT AGTATTAGACTGCCACTCACCAGCCACAGTTTGAACCTGCAAAAGAGGCATAAACTGACG GGGATCTCCTGCTTTACTATGCACACACAGCTGAACTCTTCCAGCCATGGAGAACAATAA CTCTATAGGAAAAAGTATAAAGCTAAGCTTGGAGCATCCCAGGATGGCGCCAGGGCCCTTC ATGCCTAGCTGCTGCCCTGTTAGCACTAAATTGCAAACTGCTCCTGCAGGAAGCCTTCAG GCCCTGGGAGGCCCTTATCTGGCTACAACTAGGGCTGTTTTTTCGAGGACTTACAATGTC TCCTTAACAGCCGACAGAGATGGTCCATCCAACACGCCTCCCGTAAAGGGCAGCTTCC TTGCACCACACAATGGGATGACAAAAGGACCAGGGAGTCGTCCTGGCTCCAAAATTTGGG GTCACGGGAGGTCCTTGACTTCAAACCTCATCCACTGGGGCCGACCGCTGGCCCCAAAGAG GTCGGAAGTGGTGGAGTTCATTTGGCCAAACCTTGTAGGACACCTTCTTTTN </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_015544
Insert Size:	1570 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_015544.1 , NP_056359.1
RefSeq Size:	1560 bp
RefSeq ORF:	681 bp
Locus ID:	26022
UniProt ID:	Q9Y2Y6
Cytogenetics:	17q11.2
Protein Families:	Transmembrane
Gene Summary:	<p>This gene encodes a transmembrane protein. A missense mutation in this gene result in Nanophthalmos 4 (NNO4). Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Sep 2014]</p> <p>Transcript Variant: This variant (1) represents a predominant transcript. This variant and variants 2 and 3 encode the same protein.</p>